

Message

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Sent: 11/29/2019 3:53:25 PM
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Subject: HYSPLIT plume forecast, issued at 10 AM Friday 11/29/2019.

Here is the link to the latest HYSPLIT plume forecast, issued at 10 AM Friday 11/29/2019.

<http://www.hysplit-pub.noaa.gov/hysplitpublic-bin/hyresults.pl?jobidno=23072>

East to southeast winds will continue this morning with plume dispersion to the northwest of the incident site. The greatest concentrations will continue to be dispersed over the Port Neches area directly downwind of the incident. Elevated concentrations will continue downwind roughly parallel to TX 347 and the Neches River towards Beaumont. The plume direction will meander some through the day due to any small scale wind changes, but a general continued dispersion to the northwest is expected.

Higher concentrations are still expected to remain trapped closer to the surface while a temperature inversion persists for the next hour. This inversion is expected to break down by 11 AM-Noon, allowing smoke to rise and disperse at higher altitudes. Visibility across the area will vary between 1/2 and 1 mile in fog and patchy drizzle for the next hour. Visibility is expected to improve by 11 AM-Noon, indicating a breakdown of the low level inversion with improved mixing by afternoon.